

ACCESSION NR: AT4030810

stable bond between dissimilar substances, was attributed to electron processes. With the approach of the oxides of aluminum and the rare-earth elements, suitable conditions arose before the donor-acceptor interaction. Atoms of aluminum oxide served as the acceptors and the atoms of the rare-earth oxides served as the donor. However, Al_2O_3 with B_2O_3 also yields a complex compound with aluminum oxide serving as the electron donor. Orig. art. has: 3 tables and 7 formulas.

ASSOCIATION: Sibirskiy fiziko-tekhnicheskii institut, Tomsk (Siberian Physical Engineering Institute);

SUBMITTED: 23Nov63

DATE ACQ: 16Apr64

ENCL: 00

SUB CODE: ML

NO REF SOV: 008

OTHER: 001

Card 2/2

STROGANOVA, Ye.A., inzh.; BOBYRYA, B.A., inzh., red.; MAR'YANSKIY, L.P.,
red. izd-va.; LARIONOV, G.Ye., tekhn. red.

[Destruction of shore protection installations in Netherlands
and Great Britain as a result of a storm in 1953] Razrushenie
beregezashchitnykh sooruzhenii Gollandii i Anglii shtormom 1953 g.
Moskva, Gos. energ. izd-vo, 1958. 23 p. (MIRA 11:11)

1. Moscow. Vsesoyuznyy proyektno-izyskatel'skiy i nauchno-
issledovatel'skiy institut "Gidroproyekt" imeni S.Ya. Zhuk.
(Great Britain--Shore protection)
(Netherlands--Shore protection)

L 16794-66 EWT(d)/EWP(1) IJP(c) BB/GG

ACC NR: AT6005081

SOURCE CODE: UR/2563/65/000/256/0116/0120

AUTHOR: Stroganova, Ye. A.; Tarakukin, V.I.; Chechurin, V.L.

ORG: *none*

48
B+1-

TITLE: Control circuit design based on the principle of current distribution

SOURCE: Leningrad, Politekhnikeskiv institut, Trudy, no. 256, 1965. Tsifrovyye izmeritel'nyye i upravlyayushchiye ustroystva (Digital measuring and control devices), 116-120

TOPIC TAGS: control circuit, switching circuit, digital computer

ABSTRACT: In the design of digital computers there is a need for the development of a general methodology for the establishment of control circuits based on the principle of current distribution (PCD). During the design of such control circuits it is expedient to divide them into units with rigid structure and those controlled by programs. The authors outline the requirements which must be satisfied for both types of units. A discussion is given on the design of 1) digital computer control circuits with rigid structure; 2) digital computer control circuits with programmed control; 3) a cycle
Card 1/2

2

L 16794-66

ACC NR: AT6005081

distributor; 4) a scaler; and 5) a branching circuit. The analysis shows that in the case of PCD units expansion of the control system does not lead to an increase in the instrumentation of digital computer devices. Orig. art. has: 1 formula, 5 figures, and 2 tables.

SUB CODE: 09 / SUBM DATE: none / ORIG REF: 001

Card 2/2 SM

STROGANOVA, Ye.I.

Complicated obstructed papillae in diseases of the posterior cranial fossa. Vop.neirokhir. 18 no.2:32-34 Mr-Apr '54. (MLRA 7:5)

1. Iz neyrooftalmologicheskogo kabineta Leningradskogo nauchno-issledovatel'skogo neyrokhirurgicheskogo instituta imeni prof. A.L. Polenova. (Postupila v redaktsiyu 23.IX.1953)

(NERVES, OPTIC, diseases,

*optic disk compression in dis. of posterior cranial fossa)

(CRANIUM, diseases,

*of posterior cranial fossa causing compression of optic disk)

STROGANOVA, Ye. I. Cand Med Sci -- (diss) "Atrophy of the Optic Nerves During Tumors and Arachnites of the Brain (Clinic and Treatment in the Post-operative Period)," Leningrad, 1960, 17 pp, 300 copies (First Leningrad Medical Institute im Acad. I. P. Pavlov) (KL, 48/60, 115)

STROGANOVA, Ye.I.

Further observations on the treatment of atrophy of the optic nerves
caused by brain tumors and arachnitis. Oft.zhur. 15 no.4:236-241 '60.
(MIRA 13:11)

1. Iz Leningradskogo nauchno-issledovatel'skogo neyrokhirurgicheskogo
instituta imeni prof. A.L.Polenova (direktor - prof. V.N.Shamov,
nauchnyy rukovoditel' - prof. Ye.Sh. Tron).
(OPTIC NERVE--DISEASES)
(BRAIN--DISEASES)

STROGANOVA, Ye.I. (Leningrad)

Diseases of the optic tract in hydrops of the cerebral ventricles.
Vop.neirokhir. 25 no.3:47-51 My-Je '61. (MIRA 14:5)

1. Nauchno-issledovatel'skiy neyrokhirurgicheskiy institut
imeni prof. A.L. Polenova.
(OPTIC NERVE—DISEASES)

STROGANOVA, Ye.I., kand.med.nauk

Foster Kennedy's syndrome in neurosurgical clinical observations. Vop. neirooft. 2:96-104 '63. (MIRA 16:8)

1. Iz Leningradskogo neyrokhirurgicheskogo instituta imeni A.L.Polenova (dir. prof. V.N.Shamov, zav. neyroftal'mologicheskim kabinetom - prof. Ye.Zh. Tron).
(BRAIN—TUMORS) (OPTIC NERVE—DISEASES)

STROGANOVA, Ye. I. (Leningrad)

Dynamics of visual disorders following relieving operations
on the cerebrospinal fluid system. Vop. neirokhir. 27 no.4:
45-48 J1-Ag'63 (MIRA 17:2)

1. Nauchno-issledovatel'skiy neyrokhirurgicheskiy institut
imeni A.L.Polenova (dir. - prof. V.M.Ugryumov).

1ST AND 2ND ORDERS										PROCESSES AND PROPERTIES INDEX										3RD AND 4TH ORDERS									
<p>BC</p> <p>AS 7</p> <p>Species and age factors in tolerance of birds to low barometric pressure. E. V. Stroganova (<i>J. Physiol., USSR</i>, 1960, 22, 360—369). —A series of birds of different species were exposed to low pressure in a chamber, to determine the tolerance to anoxia, and figures are given for the pressures causing onset of anoxic symptoms and death. There is considerable species and age variation. Young birds are more resistant than old, and birds which have undergone preliminary training to anoxia, more resistant than untrained individuals. D. H. SMYTH.</p>																													
<p>ASAC-SLA METALLURGICAL LITERATURE CLASSIFICATION</p>																													

STROGANOVA, Ye. V.
STROGANOVA, Ye. V.

Morphological modifications of the pancreas in white mice in glucose load. Trudy Inst. fiziol. 3:600-606 '54. (MLRA 8:2)

1. Laboratoriya nervnoy regulyatsii endokrinnykh funktsiy. Zaveduyushchiy Ye. N. Speranskaya.
(ISLANDS OF LANGERHANS, physiology,
eff. of glucose load)
(GLUCOSE, effects,
on islands of Langerhans)

5 -11 Ye V
STROGANOVA, Ye.V. kandidat biologicheskikh nauk (Moskva)

Histological investigations following administration of ACTH
and of adrenal steroids under clinical and experimental con-
ditions. Probl.endokr. i gorm. 1 no.4:103-114 J1-Ag '55.(MLRA 8:10)

1. Iz otdela morfologii (zav.--prof. Ye.I. Tarakanov) Vsesoyuznogo
instituta eksperimental'noy endokrinologii (dir.-prof. Ye.A.
Vasyukova)

(ADRENAL CORTEX, hormones,
eff. histol.aspects, review)

(ACTH, effects,
histol.aspects, review)

STROGANOVA, Ye.V., kandidat biologicheskikh nauk (Moskva)

Effect of ACTH and of cortisone on serous membranes of the joints and on their neural apparatus in experimental allergic arthritis. Probl. endok. i gorm. 2 no.5:32-43 S-0 '56. (MLRA 9:12)

1. Iz otdela morfologii (zav. - prof. Ye.I.Tarakanov) Vsesoyuznogo instituta eksperimental'noy endokrinologii (dir. - prof. Ye.A. Vasyukova)

(ARTHRITIS, RHEUMATOID, experimental,
Arthus phenomenon, eff. of ACTH & cortisone (Rus))
(CORTISONE, effects,
on exper. Arthus phenomenon (Rus))
(ACTH, effects,
same)

STROGANOVA, Ye.V.

ANOSOVA, T.P., STROGANOVA, Ye.V. (Moscow)

Ovarian and menstrual cycle in Itsenko-Cushing's disease and the adrenal cortex syndrome [with summary in English]. Probl.endok. i gorm 4 no.2:66-74 Mr-Apr '58 (MIRA 11:5)

1. Iz klinicheskogo (zav. - prof. Ye.A. Vasyukova), poliklinicheskogo (zav. - prof. I.B. Khavin) i morfologicheskogo (zav. -prof. Ye.I. Tarakanov) otdelov Vsesoyuznogo instituta eksperimental'noy endokrinologii (dir. - prof. Ye.A. Vasyukova).

(ADRENAL CORTEX, diseases

manifest., menstrual changes & external genitalia changes, use in differ. diag. (Rus))

(MENSTRUATION, physiology

changes in adrenal cortex dis., use in differ. diag. (Rus))

(GENITALIA, FEMALE, physiology

external changes in adrenal cortex dis., use in differ. diag. (Rus))

"Morphological Data in the Mechanism of Compensatory Reactions of the Suprarenal Cortex."

Theses of the Proceedings of the Annual Scientific Sessions 23-26 March 1959
(All-Union Institute of Experimental Endocrinology)

From the Department of Morphology (Head--Professor Ye. I. Tarakany) of the All-Union Institute of Experimental Endocrinology (Director--Professor Ye. A. Vasyukova)

STROGANOVA, Ya.V.

Changes in the hypophysis and the adrenal cortex in experimental allergic arthritis and during the use of ACTH and cortisone.

Probl. endkok. i gorm. 6 no. 1:11-18 Ja-F '60. (MIRA 14:1)
(ARTHRITIS) (PITUITARY GLAND) (ADRENAL CORTEX)
(ACTH)

ABRAM, S.I.; SPROGONOV, Ye.V.

Structure of Co^{2+} ion in aqueous
solution. 1:12 (a-1961).
(1:12)

1. Co²⁺ ion in aqueous solution in. A.I. Shchegolev.
(Co²⁺ ion in aqueous solution)

MAKHOVKO, V.V., prof., red.; TEREZA, S.I., prof., red.; LIOZNER, L.D.,
prof., red.; STROGANOVA, Ye.V., kand. biol. nauk, red.;
ROMANOV, Yu.A., red.

[Materials from the Symposium on Cell Division and the
Regeneration of the Endocrine Glands] Materialy Simpoziuma po
kletochnomu deleniiu i regeneratsii zhelez vnutrennei sekretsii,
1962. Moskva, Mosk. ob-vo anatomov, gistologov i embriologov,
1962. 61 p. (MIRA 15:5)

1. Simpozium po kletochnomu deleniyu i regeneratsii zhelez vnut-
renney sekretsii, 1962. 2. Zaveduyushchiy kafedroy obshchey
biologii 2-go Moskovskogo gosudarstvennogo meditsinskogo instituta
im. N.I.Pirogova (for Makhovko). 3. Kafedra parazitologii i zoologii
Moskovskogo tekhnologicheskogo instituta myasnoy i molochnoy pro-
myshlennosti (for Tereza). 4. Zaveduyushchiy Laboratorii rosta i
razvitiya instituta eksperimental'noy biologii Akademii meditsin-
skikh nauk SSSR (for Liozner). 5. Otdel morfologii Vsesoyuznogo
Instituta eksperimental'noy endokrinologii (for Stroganova).
6. Kafedra obshchey biologii 2-go Moskovskogo gosudarstvennogo
meditsinskogo instituta im. N.I.Pirogova (for Romanov).

(CELL DIVISION (BIOLOGY)) (ENDOCRINE GLANDS)
(REGENERATION (BIOLOGY))

STROGANIA, G. N.

"The Morpho-Physiological Condition of the Harmful Pentatomida During the Active Period of Its Existence," Dokl. AN SSSR, 13, No.1, pp. 217-19, 1950

Inst. Morphology of Animals im. Severtsev

STROGAYA, G.M.

Dynamics of certain biochemical components of the shield bug
(Eurygaster integriceps Put) in the annual cycle. Zool.zhur.
33 no.3:565-576 My-Je '54. (MLRA 7:7)

1. Institut morfologii zhivotnykh Akademii nauk SSSR.
(Eurygaster)

STROGAN, G. A.

"The Importance of Certain Biochemical Components in the Life Cycle of Eurygaster integriceps Pat." Cand Biol Sci, Inst of Animal Morphology and A. N. Severtsov, Acad Sci USSR, Moscow, 1955. (IL, no 13, Mar 55)

So: Sum. No 670, 29 Sept 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

STROGAYA, G.M.

Physiological state of the shield bug *Eurygaster integriceps*
Put. at different hibernation sites in Krasnodar Territory.
Vred. cherep. 4:125-141 '60. (MIRA 14:11)
(Krasnodar Territory--Eurygasters)
(Hibernation)

STROGAYA, G.M.

Characteristics of fat and water balance in the individual development of whitethorn and cabbage butterflies as a form of environmental adaptation. Dokl. AN SSSR 139 no.2:474-477 J1 '61. (MIRA 14:7)

1. Predstavleno akademikom I.I. Smal'gauzenom.
(Insects—Development) (Fat metabolism) (Water metabolism)

STROGAYA, G.M.

Balance of some biochemical components in the individual development of the pierid butterflies *Aporia crataegi* L. and *Pieris brassicae* L. as a form of adaptation to the environment. Vop. ekol. 7:175-176 '62. (MIRA 16:5)

1. Institut morfologii zhivotnykh AN SSSR, Moskva.
(Cabbageworms) (Adaptation (Biology))

STROGAYA, G.M.

Changes in the content of fat and water in butterflies *Aporia crataegi* and *Pieris brassicae* during their ontogeny; based on the data of biochemical analysis. Zool.zhur. 41 no.1.92-100 Ja '62.
(MIRA 15:4)

1. Institute of Animal Morphology, U.S.S.R. Academy of Sciences,
Moscow.

(Butterflies)

KEYZER, S.A.; STROGAYA, V.F.

Changes in arterial blood pressure in pregnancy and in puerperium; clinical-experimental data. Akush. i gin. 35 no.2: 35-37 Mr-Apr '59. (MIRA 12:5)

1. Iz kafedry fakul'tetskoy terapii (nach. - prof. A.A.Nechayev) Voenno-meditsinskoy akademii imeni S.M.Kirova.

(PREGNANCY, physiol.

arterial blood pressure changes (Rus))

(PUERPERIUM, physiol.

same)

(BLOOD PRESSURE, physiol.

changes in pregn. & puerperium (Rus))

STROGIY, I.

Twice as much. Mast. ugl. 8 no.8:5 Ag '59. (MIRA 12:12)

1. Nachal'nik shakhty No.17 tresta Khakassugol'.
(Minusinsk ~~Basin~~ Coal, mines and mining labor productivity)

STROGIY, I.I.; KOPZYUK, P.F.

Manufacturing friction cover plates of ceramic metals. Biul.
tekh.-ekn. inform. Gos. nauch.-issl. inst. nauch. i tekhn.
inform. 18 no.10:20-21 0 '65. (MIRA 18:12)

SHEVYAKOVA, N.I.; STROGONOV, B.P.

Uptake and distribution of S^{35} in horse bean plants under
conditions of salinization. Fiziol. rast. 11 no.5:879-
888 S-O '64. (MIRA 17:10)

1. Timiriazev Institute of Plant Physiology, U.S.S.R. Academy
of Sciences, Moscow.

ACC NR: AR6027186

SOURCE CODE: UR/0271/66/000/005/B018/B018

AUTHOR: Razin, V. M.; Yefimov, Yu. N.; Stroganov, M. N.

TITLE: Certain problems in automatic checking of digital computer malfunctions 16C

SOURCE: Ref. zh. Avtomat telemekh i vychisl tekhn, Abs. 5B142

REF SOURCE: Izv. Tomskogo politekhn. in-ta, no. 138, 1965, 105-107

TOPIC TAGS: special purpose computer, digital computer, computer application

ABSTRACT: The utilization of a special-purpose logic computer in the form of an adaptor unit for testing a least number of basic elements is examined. The adaptor unit must be relatively small since it is intended for testing a small quantity of elements. It must also be sufficiently reliable and have self-diagnostic features. It is assumed that the tested machine has a built-in self-checking system consisting of a portion of the total number of elements whose operation may be checked without making the tested machine overly complex. This implies the power supplies, periodic clock pulse generators, power amplifiers, etc. The diagnostic testing system in this case must encompass only those elements in its test which are not tested by the auto-control system. [Translation of abstract] Bibliography of 5 titles. B. U.

SUB CODE: 09

Card 1/1

UDC: 681.142.32.004.5

ACC NR: AR7004325

SOURCE CODE: UR/0271/66/000/011/B042/B042

AUTHOR: Razin, V. M.; Strogonov, M. N.

TITLE: Quantitative criteria of operation reliability and effectivity of a Minsk-1 digital computer

SOURCE: Ref. zh. Avtomat. telemekh. i vychisl. tekhn., Abs. 11B327

REF SOURCE: Izv. Leningr. elektrotekhn. in-ta, ch. 2, vyp. 56, 1966, 121-123

TOPIC TAGS: computer, ^{reliability} digital computer, ^{computer storage device} / Minsk-1 digital computer

ABSTRACT: The computer has been in operation 7-14 hours a day. The temperatures in the lower and upper parts of the cabinet were +5C and +42C, respectively. Observations have shown that the computer is unstable at temperatures close to 0C and +45C in the lower and upper parts of the cabinet, respectively. The temperature drop between the top and bottom of arithmetic-unit cabinets, the control unit, and the magnetic internal storage has been 10--25C depending on the temperature of the atmosphere. To achieve more stable operation, the temperature in the cabinets should be maintained with 10--35C. The following reliability characteristics were recorded over 21 months of Minsk-1 computer operation: mean time between failures, 19.58hrs; mean time of failure location and repair, 2.04 hrs; efficiency of preventive maintenance, 0.614; availability, 0.906; utilization factor, 0.664. Values of λ -characteristics of some units of the computer (at a certainty of 0.9) are given.
G. V. [Translation of abstract]

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SUB CODE: 09, 14

UDC: 681.142.322.004

ZVONOV, N.V.; ALEKSEYKO, Yu.N.; STROGONOV, V.A.; MESHCHERYAKOV,
M.K.; BUYNITSKAYA, V.I.; YAROSLAVTSEV, B.Ye.

[Critical tests of an organic moderator - monoiso-
propylbiphenyl] Kriticheskie opyty s organicheskim za-
medlitelem-monoizopropildifenilom. Moskva, In-t atom-
noi energii AN SSSR, 1960. 42 p. (MIRA 16:12)
(Nuclear reactors--Materials) (Biphenyl)

L 40001-65 EPA(s)-2/EWT(m)/EPF(c)/EPF(n)-2/ENG(m)/EPR/EMP(j)/T Po-Li/Pr-Li/
Pu-Li/Pu-Li RM/DJ/GS
ACCESSION NR: AT5007908 8/0000/64/000/000/0182/0193

AUTHOR: Aleksenko, Yu. M. (Candidate of technical sciences); Buynitskaya, V. I.;
Zaslavskiy, V. V.; Zvonov, N. V.; Kozlov, V. N.; Meshcheryakov, M. N.; Rogozhkin, I. V.;
Stolpnik, V. P.; Stroganov, V. A.; Yaroslavyev, B. Ye.

TITLE: Critical tests with the organic moderators monoisopropylbiphenyl and
gas oil

SOURCE: Moscow. Institut atomnoy energii. Issledovaniya po primeneniyu organiches-
kikh teplonositeley-zamedlitateley v energeticheskikh reaktorakh (Research on the
use of organic heat-transfer agents and moderators in power reactors). Moscow,
Atomizdat, 1964, 182-193

TOPIC TAGS: organic reactor coolant, power reactor, nuclear power plant, thermal
reactor, heat transfer agent, organic moderator, isopropylbiphenyl, gas oil,
thermal neutron

ABSTRACT: The article presents the results of critical tests on the organic moder-
ators isopropylbiphenyl and gas oil, a description of an experimental "organic reac-
tor", and some results of measurements carried out on this reactor. Graphs are in-
cluded showing the distribution of thermal neutrons for different values of lattice
spacing, the calculated dependence of the effective addition for gas oil and mono-
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L 40001-65

ACCESSION NO: AT5007908

isopropylbiphenyl, the dependence of the critical number of channels for monoisopropylbiphenyl on the lattice spacing and for gas oil on both the temperature and lattice spacing, as well as the calculated values of the square length of moderation for biphenyl, monoisopropylbiphenyl, and gas oil. The authors conclude that the physical experiments with critical assemblies carried out on monoisopropylbiphenyl and gas oil have made it possible to verify the method and system of constants used for calculating the physical characteristics of reactors with organic heat-transfer agents. Orig. art. has: 12 figures and 2 tables.

ASSOCIATION: None

SUBMITTED: 01Aug64

ENCL: 00

SUB CODE: NW, 20

NO REF SOV: 000

OTHER: 000

Card

2/2

L 8075-66 ENT(m)/EPF(c)/EPF(n)-2/T/EWP(t)/EWP(b)/EWA(c) IJP(c) JD/MI/JG
 ACC NR: AP5027135 SOURCE CODE: UR/0126/65/020/004/0519/0523

AUTHOR: Levinskiy, Yu. V.; Salibekov, S. Ye.; Leninskaya, M. Kh.;
Strogonov, Yu. D.

ORG: None

TITLE: Carbiding of titanium and zirconium nitrides

SOURCE: Fizika metallov i metallovedeniye, v. 20, no. 4, 1965, 519-523

TOPIC TAGS: carbide, nitride, titanium containing compound, zirconium containing compound, metal diffusion

ABSTRACT: The article gives the results of an investigation of diffusion of carbon into titanium and zirconium nitrides at temperatures of 1900-2480°C. The nitrogen content in the samples of titanium nitride was 19.6 wt%, and in the zirconium nitride -- 11.8 wt%. The samples were nonporous and homogeneous; the microhardness did not vary over the cross section and was approximately 1800 kg/mm² for titanium nitride and 1700 kg/mm² for zirconium nitride. The grain size was 0.5 to 1.0 mm. The nitride plates in the charge of calcined lamp black were placed in a graphite holder in a graphite tubular furnace through which argon was circulated at a pressure of 3-5 mm Hg. Temperature measure-

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UDC: 539.12.172

L 8075-66

ACC NR: AP5027135

ments were made by optical pyrometer. The tests on the diffusion of carbon into titanium nitride were made at 1900, 2000, 2100, 2200, and 2300°; those on zirconium nitride at 1930, 2040, 2260, 2370, and 2480°C. Holding time was 15 min. to 6 hours. After carbidizing, the samples were subjected to metallographic analysis, the microhardness was analyzed, and some samples were subjected to layer-by-layer x-ray analysis. The experimental data indicate that in the diffusion of carbon into titanium and zirconium, layers are formed on the nitrides which are close in their structure to titanium and zirconium carbides. In the transition zone between the forming carbide and the basic nitride layer, the concentrations of carbon and nitrogen change sharply. The rate of growth of the carbide layer, at constant temperature, is of a parabolic nature, and the constants of the parabola depend on the temperature in an exponential manner. Orig. art. has: 3 formulas and 5 figures. 27

SUB CODE: MM/ SUBM DATE: 26Feb65/ ORIG REF: 004/ OTH REF: 000

Card 2/2 *pw*

STROGOV, A. K.

New synthetic media for the differentiation of forms of the coli-paratyphi group. A. K. Strogov. *Lab. Prakt.* (U. S. S. R.) 16, No. 1, 79(1941). - The investigation was based on the 2 following facts. (1) In the presence of a protein substrate *B. coli* and *paracolon* produce mainly those enzymes which are necessary for splitting the proteins and the products of their primary decompn. and a decreased amt. of enzymes necessary for the utilization of other substances (sources of C such as lactose and sucrose). (2) Such organisms utilize peptone mostly for their source of C when inoculated on media with lactose. This causes an increase of the alkyl, which prevents the development of the red color of the indicator. Therefore, the object of the expt. was to prep. 3 variations of such a synthetic medium in which lactose is the only source of C and which contained no substances that would increase the pH. For the prepn. of the liquid synthetic medium with Andredi indicator (1) dissolve NaCl 5 g., NH_4Cl 6 g., K_2HPO_4 2.5 g., lactose 5.0 g. and Andredi indicator 10 ml. in 1000 g. of distd. water and sterilize the medium in test tubes at 100° for 40 min. (2) Same without indicator. For the prepn. of the solid synthetic medium (3) dissolve NaCl 5 g., NH_4Cl 6 g., K_2HPO_4 3 g., lactose 5 g. in 200 g. of distd. water. Place 20 g. of carefully washed agar-agar in a 1 l. graduated cylinder, add distd. water to the 750-ml. mark, boil until agar-agar dissolves, mix carefully with 250 ml.

of the mixt. of salt and lactose and sterilize for 20 min. at 110°. The pH of the synthetic media is always 7.0-7.2. The behaviors of 3 strains of *B. coli* and 4 strains of *paracolon* were investigated. Most of these strains fermented lactose in ordinary media on the 6th, 11th or even 17th day. On 1 these atypical strains fermented lactose with the presence of acid and gas after 24 hrs. except one strain (C-285) which produced acid on the 2nd day. Media 2 and 3 were also found suitable for the differentiation of *B. coli* and *paracolon*. The media are recommended for the differentiation of both the atypical and normal *B. coli* and *paracolon* from paratyphous and, especially, from their nonagglutinable strains. The incubation period for the indole test was shortened by the introduction of *L*-tryptophan as the only source of N and C. Under these conditions *B. coli* and the indole-forming *paracolon* split *L*-tryptophan energetically, causing a rapid accumulation of indole. For the prepn. of the medium dissolve NaCl 5 g., K_2HPO_4 2.5 g., *L*-tryptophan 2.5 g. in 1 l. of water (heat to boiling if necessary), pour 2-3 ml. of the medium into each of several test tubes and sterilize for 40 min. at 100°. The pH of the sterilized medium is 7.2. *B. coli* and the indole-forming *paracolon* produced a positive reaction for indole after 6 hrs. of growth at 37°. The synthetic medium with *L*-tryptophan is recommended for the differentiation of the atypical strains of *B. coli* and *paracolon* from the nonagglutinable *B. paratyphi abortus equi* and as a rapid method for the differentiation of *B. coli* and *paracolon* from the paratyphous rods. The media can be prepn. in a powder and kept for a long time in sealed bulbs without losing any of their properties.

W. R. Henn

STROGOV, A. K.

Mbr., All-Union Inst. Exptl. Veterinary, Sci. -cl948-. "Comments on Ya. L. Glembofskiy and R. A. Geptner's Article, 'Role of Heredity in the Etiology of Broncho Pleural-Pneumonia in Romanov Sheep,'" Zhur. Obshch. Biol., 9, No. 6, 1948.

FT. COCV, A. K.; Isemko, I. D. (VIEW)

Sr Sci Asst

" Using an ASD Preparation for Hoof Rot in Sheep "

SOURCE: Veterinariya, No 10, 1952

1. STROGOV A.K.
2. USSR (600)
4. Sheep-Diseases
7. ASD-a valuable preparation for treating hoof rot in sheep, Dost.sel'khoz.
no. 12, 1952.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, unclass.

SLAGOV, A. K. Cand. of Vet Sci

All-Union Institute of Exptl Vet Med

" Results of the study of an acutely running disease of goats in Stalingrad oblast "

SOURCE: Veterinariya, Vol 29, No 5, p 29, 1952

STROGOV, A.K.

A.K. Strogov, Paratuberkuleznyi enterit sel'skokhozyzystvennykh zhivotnykh
[Paratubercular Enteritis of Agricultural Animals /, Sel'khozgiz, 4.5 sheets.
Gives an idea of paratubercular enteritis in cattle and other agricultural
animals and the methods of diagnosis. Describes control measures.

Brochure intended for veterinaries.

SO: U-6472, 15 Nov 1954

US'R/Deseases of Farm Animals. Diseases Caused by
Bacteria and Fungi.

R-1

Abs Jour: Ref Zhur-Biol., No 18, 1958, 83533

Author : ~~Strogov, A. K.~~
Inst : All-Union Institute of Experimental Veterinary Medi-
cine.

Title : Paratuberculosis (Johne's Disease) in Camels.

Orig Pub: Tr. Vses. in-ta eksperim. veterinarii, 1957, 20,
120-137

Abstract: Morphologically and tinctorially the pathogenic agent
of paratuberculosis in camels is similar in its chara-
cteristics to the pathogenic agent of paratuberculosis
in cattle. Mostly 2-3 years old camels become ill,
more often during the fall and winter seasons. In
camels, the disease takes a more acute course than in
cattle. It is characterized by alternating diarrhea,

Card 1/2

17

USSR/Diseases of Farm Animals. Diseases Caused by
Bacteria and Fungi.

R-1

Abs Jour: Ref Zhur-Biol., No 18, 1958, 83533

Abstract: paralysis of the anus, appearance of a cold painless edema in the perineum and in the abdomen, and progressing emaciation. In the majority of the cases the disease causes the animal's death. The following pathologic-anatomic changes occur: infiltration of the subcutaneous cellular tissue; flabbiness of muscles and muscle color changes; swelling, softening, and succulence of lymphatic nodes; thickening of intestinal mucosa accompanied by hemorrhages within the mucosa; enlargement of the liver; mucuous degeneration of fatty renal capsuls and of fatty pericardium deposits; aquacity of the blood and its poor coagulation capacity. The disease is locally restricted, a fact which evidences its low degree of contagiousness. The diseased camels do not react positively to injections of fowl tuberculin. Methods of controlling the disease consist in preventing that other camels become infected and in increasing the animals' physiologic resistibility.-- A. D. Musin

Card 2/2

—STROGOV, A.I., kand.veterinarnykh nauk

Investigation of methods for the allergic diagnosis and specific
prophylaxis of tularemia in sheep. Trudy VIEV 22:104-111 '59.
(MIRA 13:10)

(Sheep--Diseases and pests)

(Tularemia)

STROGOV, A.K.

Etiology of the "maddening" of Arctic foxes, common foxes, and dogs
inhabiting the tundra zone of the Yakut A.S.S.R. Nauch. soob.

IAFAN SSSR no.5:101-108 '61.

(MIRA 14:12)

(Yakutia--Foxes--Diseases and pests)

(Yakutia--Dogs--Diseases and pests)

STROGOV, I.I.

On the feeding habits of *Marmota baibacina* Kastsch [with English summaries in insert]. Zool.zhur. 35 no.9:1390-1394 S '56.
(MLBA 9:12)

1. Sredne-Aziatskiy nauchno-issledovatel'skiy protivochumnyy institut.

(Alma-Ata Province--Marmots)

STROGOV, Isay Semenovich; ZUBKOVA, T.D., red.; ONOSHKO, N.G., tekhn.red.

[For you and me] Dlia nas s vami. Leningrad, Lenizdat, 1959.
45 p. (MIRA 13:7)

(Russia--Economic policy)

SOMINSKIY, Vladimir Samuilovich; STROGOV (Slivker), Isay Semenovich;
SINYUTIN, V.I., red.; TIKHONOVA, I.M., tekhn.red.

[Chemistry is for the people] Khimiia - narodu. Lenizdat,
1959. 102 p. (MIRA 12:6)
(Leningrad--Chemistry)

STROGOV, N. _____

Are there not too many procurement agents? Sov.torg. 36 no.12;
47 D '62. (MIRA 16:1)

1. Direktor Kuybyshevskogo gorplodoovoshchtorga.
(Kuybyshev--Vegetable trade)

STROGOV, N., starshiy prepodavatel'

Qualitative evaluation of processed vegetables. Sov. torg. 37
no.11:45-46 N '63. (MIRA 16:12)

1. Kuybyshevskiy planovoy institut.

STROGOV, Nikolay Ivanovich; LYUDSKOV, B.P., red.; SUDAK, D.M., tekhn.red.

[Organization and equipment of retail trade with manufactured goods] Organizatsiia i tekhnika roznichnoi trgovli pro-myshlennymi tovarami. Moskva, Gos.izd-vo tog.lit-ry, 1959.
304 p. (MIRA 12:9)

(Retail trade)

STROGOV, I. S.

5(0)

PHASE I BOOK EXPLOITATION

SCV/2011

Sominskiy, Vladimir Samuilovich, and Isay Semenovich Strogov (Slivker)

Khimiya - narodu (Chemistry for the Benefit of the People) [Leningrad]
Lenizdat, 1959. 102 p. 5,000 copies printed.

Ed.: V.I. Sinyutin; Tech. Ed.: I.M. Tikhonova.

PURPOSE: This popular science booklet is intended for the general reader interested in the role of the chemical industry in the national economy.

COVERAGE: The booklet explains the resolution adopted in May 1959 by the Central Committee of the Communist Party of the USSR calling for a further development of the chemical industry. The importance of chemical production to the Soviet economy is emphasized, and a brief historical review of the development of chemistry in Russia is given. Most outstanding Russian chemists are mentioned, and their achievements outlined. Major petrochemical products are enumerated. The role of Leningrad in the growing chemical industry is explained and a further development of the petrochemical industry is forecast. An analysis is made of the economic factors underlying the industry's growth. No references are given.

Card 1/2

C:

LM/gmp
1-21-60

STROGOV, N.I., redaktor; FRIDMAN, I.Ye., redaktor; MEDRISH, D.M., tekhnicheskii redaktor.

[Work practice of the Moscow-Shcherbakov department store] Is opyta raboty Moskovsko-Shcherbakovskogo univernaga. Moskva, Gos.torgovoe izd-vo, 1953. 46 p. [Microfilm] (MLRA 9:6)
(Moscow--Department stores)

1. STOCCO, E.
2. USSR (600)
4. Retail Trade - Handbooks, Manuals, Etc.
7. Problems of organization and trade techniques in the handbooks "Aid to the salesman and department head of consumer good stores." Sov. torg. No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

Strokov, M. I.

W/5
752.3
.891

Organizatsiya i Tekhnika Torgovli Kul'Ttovarami
(Organization and Technique of Trade for Packaged Commodities)
Moskva, Vostorizdat, 1975.

273 P. Illus., Diagr., Tables.

STROGOV, N.

Selling merchandise in open display. Nov.torg.tekh. no.3:
15-20 '56. (MLRA 9:10)

(Display of merchandise) (Department stores)

STROGOV, Nikolay Ivanovich,; KIRAKOZOVA, N.Sh., red.; SUDAK, D.M., tekhn. red.

[Progressive forms of retail trade] Progressivnye formy roznichnoi
torgovli. Moskva, Gos. izd-vo tog. lit-ry, 1958. 55 p. (MIRA 11:12)
(Retail trade)

STROGOV, N.

Methods to determine the economic efficiency of progressive methods
of commerce. Sov.potreb.koop. 5 no.8:27-30 Ag '61. (MIRA 14:7)

(Retail trade)

STROGOV, Ye.

PA 164T94

USSR/Radio - Manufacturing
Receivers

Aug 50

"Latvian Workers in the VEF and "Radiotekhnika"
Radio Plants," Ye. Strogov

"Radio" No 8, pp 8-9

States that since Latvia joined the USSR, Latvian radio plants have made great progress.

Gives sketches of Stakhanovite workers in VEF (State Electrotechnical Plant) and "Radiotekhnika." VEF radios are highly satisfactory.

"Radiotekhnika" T-609 and T-755 radios are also being used in a Georgian kolhoz in an experimental wired radio station featuring push-button

USSR/Radio - Manufacturing
(Contd)

164T94
Aug 50

control and fully automatic operation with clock-regulated mechanism.

164T94

STRCCGV, YE.

PA 195T81

USSR/Radio - Clubs

Jul 51

"The Kagan' District Radio Club," Ye. Strogov

"Radio" No 7, pp 36, 57

President of the club is V. A. Shirokikh. Section heads are G. I. Kirshin (short wave), K. V. Bykovets (design), G. G. Petsevich (collective radio station), and A. P. Makarov (organization of exhibitions and lectures). Failure of the executive committee of the Kagan' City Council to secure another building for the club is hindering its operation.

195T81

STROGOV, E.

"Instructor and communal worker."

So. Radio, Vol. 7, p. 24, 1952

STROGOV, Ye.

In the radio club study group of the All-Union Volunteer Society for Assistance to the Army, Aviation, and Navy. Radio no.6:10-12 Je '53.

(MLRA 6:6)

(Radio clubs)

STROGOV, Ye.

Experience of a radio amateur. Radio no.11:13-15 N '53.
(Afanas'ev, Igor' Mikhailovich) (Radio industry)

(MLRA 6:11)

USSR/ Miscellaneous - Radio clubs

Card 1/1 Pub. 89 - 4/27

Authors : Strogov, E.

Title : ~~Does the Vladimirskaia oblast' have a radio-amateurs' club?~~
Does the Vladimirskaia oblast' have a radio-amateurs' club?

Periodical : Radio 2, 8-9, Feb 1954

Abstract : The author mentions the inactivity of the radio-amateurs' club in the Vladimirskaia oblast' and suggests to the DCSAAF organization to correct the situation.

Institution:

Submitted:

STROGOV, E.

USSR/Miscellaneous

Card 1/1

Author : Strogov, E.

Title : Two sisters

Periodical : Radio, 3, 5, Mar, 1954

Abstract : A brief story about two young girls who mastered their job
which consisted of producing glass wire for the radio industry.

Institution :

Submitted :

STROGOV, Yo. (Riga)

Outstanding workers of a radio plant. Radio no.8:13-14 Ag '54.
(Radio industry) (MLRA 7:8)

USSR/ Miscellaneous - Radio factories

Card 1/1 Pub. 89 - 7/40

Authors : Strogov, E.

Title :

Periodical : Radio 10, 10-11, Oct 1954

Abstract : Information is given on the last-year program of radiofication of rural machine and tractor stations, which required the installation of 45,000 new radio-receiving and transmitting sets of the "Urozhay" type. The sets were to be manufactured at the Dnepropetrovsk radio factory. Information is also given on the suggestions made by rural radio-operators for certain technical improvements in the "Urozhay" type set. In describing the activities of the Dnepropetrovsk radio-factory, the difficulties experienced by this factory are discussed.

Institution:

Submitted:

USSR/ Scientific Organization - Conferences

Card 1/1 : Pub. 89 - 10/26

Authors : Strogov, E.

Title : For increased production of radio equipment

Periodical : Radio 12, 14-16, Dec 1954

Abstract : Means of increasing the production and improving the quality of radio equipment manufactured in the USSR and its satellite countries were discussed in the Scientific and Industrial Radio Conference held in Riga at the end of the year 1954. Twenty delegates, representing various radio-engineering industries and scientific institutes, took part in the conference. The following two reports appear to be the most interesting: "The Design and Special Characteristics of the Riga-10 Receiver, and Daugava Radio Playback Recorder," by A. Liepin'sh, Riga, and "Experimental Work on Improving the Design of the Oktyabr' Radio Receiver," by Korolevtsev, Leningrad. The Gost standards for radio equipment were stated to be out-of-date, and a resolution was accepted on the necessity to revise these standards with a view to improving the quality of radio receivers and radio equipment parts. Illustration.

Institution :

Submitted :

5/1/50
USSR/ Electronics - Personnel training

Card 1/1 Pub. 89 - 4/30

Authors : Strogov, Ye.

Title : Trainees of Nakhimov Naval School as amateur radio operators

Periodical : Radio 3, page 7, Mar 1955

Abstract : The role of the ship "Aurora" in the October revolution is recalled. The ship is used as a training school which bears the name of Naximov. For some time an amateur radio operator circle has been maintained on this ship, and an original receiver has been constructed. Illustration.

Institution :

Submitted :

20807

S/135/61/000/002/003/008
A051/A129

15 0420

2209, 1526, 1224

AUTHORS: Mayzel', M.G. (Deceased); Rayevskiy, V.G.; Griduncv, I.T.; Stro-
gova, L.P.

TITLE: Formulation-technological features of capron fabric application in
the constructions of rubber-fabric materials and properties of mate-
rials on this base

PERIODICAL: Kauchuk i rezina, no. 2, 1961, 11 - 15

TEXT: The authors deal with the formulation and technological properties
of capron application (impregnation with adhesives, rubberizing with adhesive ce-
ments, calendering, vulcanizing) and also with the properties of rubber-fabric
materials on this base. In impregnating with adhesives, the authors suggest that
the impregnation of the capron fabric be carried out prior to the rubber coating
application, since there is a weak adhesion of the capron fabrics to the rubber
coatings. The effectiveness of capron impregnation was tested using various
types of synthetic resins. The No. 89 resin provided the greatest strength of
adhesion in capron impregnation, and the ПЭМ-2 (PEM-2) resin showed the same ef-
fect in the non-polar rubbers [NR, CKW (SKI), CK5 (SKB), butyl rubber]. The No.

Card 1,4

20707

5/133/61/000/002/003/008
A051/A129

Formulation-technological features....

89 resin also increases the lamination resistance of the elements of the material. Comparative studies were made of the strength of adhesion of rubber-fabric elements of materials during various periods of time after the capron impregnation from 2 hours to 6 months. The values of the strength of adhesion with the capron fabric were found to differ very little. The retarded nature of the capron moistening as compared to that of cotton fabric is said to determine the somewhat lower rates of its rubberizing. Capron has also a lower strength of cohesion with the moist adhesive film as compared to the cotton fabrics. The latter is thought to be the cause of the wearing-out of the raw coating and its shift to the opposite side of the fabric in vulcanization. Due to the low specific surface of the capron fiber and the small contact surface of the rubber with the capron fabric, calendering of the materials should be carried out under conditions ensuring maximum depth of penetration of the coating into the textile structure. The temperature conditions of the capron fabric calendering are found to be similar to those of glass fabric. The boiler- and chamber-type vulcanization of these materials is recommended, and when producing highly elastic material and a smooth surface, it is suggested that vulcanization in apparatus of the "Bersdorf" type be used. Mechanical properties of rubber-fabric materials based on capron are listed. It is pointed out that these are less affected by the composi-

Card 2/4

20807

3/138/61/000/002/003/008

A051/A129

Formulation-technological features....

tion of the rubber coating than in the case of glass fabrics. The highest degree of a drop in strength in these materials is noted for those with a rubber coating having a pH of water extract less than 7 [nairite, CRC-30-1 (SKS-30-1)]. The value of the tear-resistance depends to a great extent on the type of twist of the initial fabric. The characteristic features of the mechanical properties of capron-based materials are said to be the high relative elongations in rupture, reaching 25 - 30%. The lamination resistance drops with an increase in temperature, determined by the weakening of the intermolecular interaction in the border-line interface rubber-fabric, and by the drop in strength of the coating proper. The tear-resistance is determined by the strength of the coating and the value of its cohesion. The use of No. 89 resin-impregnated capron fabrics increases the wear-resistance by 2 - 4 times. The latter materials have an elevated resistance to aggressive media as compared to similar materials based on cotton and glass fabrics. Concentrated acids have a strong effect on capron materials, causing increased hardness in some cases. The capron rubber-fabric materials have a somewhat higher resistance to thermal aging as compared to similar materials based on cotton, but are inferior to glass fabrics and other chemical materials in this respect. Light is thought to cause the greatest destruction of the capron materials in natural aging. The application of capron-based rubber-fabric materials

Card 3/4

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S/138/61/000/002/003/008
A051/A129

Formulation-technological features....

not protected by external rubber coatings cannot be recommended under conditions of atmospheric usage. Capron fabrics are said to have higher dielectrical properties than cotton fabrics. They have a high electrical tension of the surface charges on the side not protected by the rubber coating. At a relative humidity of 65% the double-layer rubberized material based on 1516 grade capron (internal layer: non-filler non-polar rubber) has the following dielectric characteristics: $\rho_v = 1.3 \cdot 10^{13} - 1.5 \cdot 10^{14}$ ohm-cm; $\rho_s = 2.9 \cdot 10^{12} - 2.8 \cdot 10^{13}$ ohm, surface potentials $I = 465 - 1,543$ v. A lowering of the dielectric properties of the capron materials can be accomplished by introducing electroconducting components (carbon black, graphite) into the composition of the rubber coating. Finally, capron-based rubber-fabric materials are characterized by lower values of the constants of the gas- and vapor-permeability than the initial rubber coatings. The nature of the latter has a great effect on the value of the permeability. The method used for the formation of the material has an effect on the permeability constant due to the production of materials of various degrees of monolithic properties. Materials based on capron and obtained by various technological methods are arranged in the following series according to the values of the permeability constants: calendered > rubberized with adhesive cements > pressed. There are 6 tables and 2 Soviet references.

ASSOCIATION: Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti (Scientific Research Institute of the Rubber Industry)
Card 4/4

Strogova, O.A.

✓ Reaction of trialkyl phosphites with some organic acids.
 G. M. Kamal, V. A. Kuchin, and O. A. Strogova. *Trudy*
Khim. Tekhnol. Inst. im. S. M. Kirova 1955, No. 21.
 Heating 20 g. $(EtO)_3P$ and 7.2 g. $AcOH$ 17 hrs. at
 140-50° in distn. 7.3 g. $EtOAc$ and 12.2 g. $(EtO)_3P$
 and $PrCO_2H$ at 140-50° in 18 hrs.
 and 64% $(EtO)_3POH$ $BzOH$ and
 P at 170° gave $EtOBz$ and $(EtO)_3POH$.
 at 120° gave 4 g. $iso-Bu-$

4
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STROGOVA, Ye.

[How discoveries are made] Kak delaiutsia otkrytiia. Moskva, Gos.
izd-vo detskoi lit-ry, 1952. 236 p. (MLRA 7:6)
(Astronomy)

STROGOVA, Yekaterina Grigor'yevna; FILIPPOVA, N., redaktor; SHESTAKOV, A.,
tekhnicheskiiy redaktor

[History of an hypothesis] Istoriia odnoi gipotezy. [Moskva] Izd-
vo TsK VLSM "Molodaia gvardiia," 1955. 86 p. (MLRA 9:2)
(Cosmogony)

AUTHOR: Strogovich, M. S., Corresponding Member AN USSR 30-1-19/39

TITLE: International Convention on Criminal Law
(Mezhdunarodnyy kongress po ugolovnomu pravu).

PERIODICAL: Vestnik AN SSSR. 1958, Vol. 28, Nr 1, pp. 101-103 (USSR)

ABSTRACT: From September 26 to October 2, 1957, this congress, which had been convened by the International Association of Criminologists, took place at Athens. This organization was founded in 1889 and existed until 1914. In 1926 it resumed its activities in a different way in that it no longer follows a certain doctrine but endeavors to bring different tendencies and directions in criminal law into line with one another. Of the Peoples' Democracies the following were represented: The USSR, Bulgaria, Roumania, the German Democratic Republic, Poland, and Yugoslavia. This was the first time that Soviet Jurists took part in this congress. The Soviet delegation consisted of the General Public Prosecutor of the USSR, P. I. Kudryavtsev, professor A. A. Piontkovskiy and the author of this article. Much attention was paid to the Soviet delegates who were able to establish contact with all other representatives. The agenda had 4 points: The present opinions concerning such conceptions as the "perpetrator of a crime" and

Card 1/3

30-1-19/39

International Convention on Criminal Law.

"participation in a crime"; on the supervision of law courts with respect to penalties and security measures; on the juridical, administrative, and social consequences for convicted persons; on crimes committed on board of an aircraft. A special section was organized for the discussion of each point of the agenda. The members of the Soviet delegation were able, because of lack of time, to take part only in the work dealing with the first 2 points. They showed no interest in point 4. As regards the question of responsibility in crime, A. A. Piontkovskiy did not agree with the opinion of the western representatives. The author of this report refuted the opinion that an individualization of the penalty means a deviation from the principles of the juridical order. He maintained that, seen from the Soviet point of view, every judgment or sentence that is not in keeping with the degree of guilt of the criminal must always be described as illegal. The Soviet delegates defended the idea of justice and the guarantees that justice is done such as are in agreement with the Soviet point of view. In conclusion, P. I. Kudryavtsev gave a positive judgment of the work of the congress and stressed the usefulness of such discussions. During their stay at Athens the Soviet delegates had discussions with progressive personalities of

Card 2/3

30-1-12/39

International Convention on Criminal Law.

Greek public life, especially with respect of the society of democratic jurists. In conclusion the author states that the bourgeois jurists displayed great interest in Soviet Law and Soviet jurisprudence, but that, in most cases, they were only very little informed. He maintained that measures should be taken in order that information concerning Soviet legislation and the work performed by Soviet jurists be spread in bourgeois countries, by publishing them in foreign languages.

AVAILABLE:

Library of Congress

1. Legal procedures-Conference

Card 3/3

GITIS, Emanuel Isaakovich. Prinimali uchastiye: STROGOVICH, N.M., kand. tekhn. nauk; BALTRUSHEVICH, A.V., inzh.; SILIN, V.B., kand. tekhn. nauk; LARIONOV, G.Ye., tekhn. red.

[Information converting systems for electronic digital computers]
Preobrazovateli informatsii dlia elektronnykh tsifrovyykh vychislitel'nykh ustroystv. Moskva, Gos. energ. izd-vo, 1961. 375 p.
(MIRA 14:10)

(Electronic digital computers)

SPEKTOR, A.M.; STROKOVSKIY, L. Kh. KHOPZHEMBO, L.; YARKHO, Ye.N.
KUNAKOV, N. Ye.

Pilot plant for the study and application of the hear regenerating direct process of cast iron and steel production. Ispol'. tverd. topl., ser. maz. i gaza no. 54182-192 '64 (MIRA 19:2)

STROGULSKI, Stefan

Industrial enterprises as objectives of tourism. Przegl techn 84
no.34:4 25 Ag '63.

STROHAL, Karlo, dr.

A modified method for the preparation of patients for bronchography.
Lijec. vjes. 81 no.7-8:483-488 '59.

1. Iz Zavoda za radiologiju Medicinskog Fakulteta Sveucilista u
Zagrebu.
(BRONCHI radiography)

STROHAL, Karlo, dr.; MRAKOVIC, Milutin, dr.

Mediastinal hernia. Lijec. vjes. 84 no.3:253-258 '62.

1. Iz Rendgen-odjela i klinickog odjela Bolnice zeljeznicara za
tuberkulozu pluca i plucne bolesti "Jordanovac" u Zagrebu.
(MEDIASTINUM dis)

STROHAL, Karolo, major dr.

The "Potokemika" roentgen film. Voj.san.pregl., Beogr. 12 no.1-2:
78-80 Jan-Feb 55.

1. Rendgensko odeljenje Vojen bolnice u Zagrebu.
(ROENTGENOGRAMS
technical evaluation)

STROHAL, Karol, Major dr.

A new contrast medium for cholangiocholecystography - biligrafin.
Voj. san. pregl., Beogr. 12 no.7-8:451-455 July-Aug 55.

1. Vojna bolnica u Zagrebu--Rendgensko odjeljenje.

(CONTRAST MEDIA,

sodium iodopamide in cholangiocholecystography, indic.
(Ser))

(CHOLECYSTOGRAPHY,

cholangiocholecystography with sodium iodopamide, indic.
(Ser))

(BILIARY TRACT, radiography

cholangiocholecystography with sodium iodopamide, indic.
(Ser))

GRASTA, M. La; STROHAL, K.

Clinico-roentgenological aspects of bronchial carcinoma. Tuberkuloza 17 no.1/2:28-38 Ja-Apr 1965.

1. Iz bolnice za plucne bolesti i plucnu tuberkulozu "Jordanovac", u Zagrebu (Direktor: prim. dr. Milan Goldner).

STROHAL, PETAR

✓ Desulfurization of coke. H. Ivan Lovreček, Egon Bauman, and Petar Strohal (Univ. Zagreb, Yugoslavia). *Kemijska industrija* (Zagreb) 5, 244-6(1950); cf. C.A. 50, 17555j. — Coking of Raša, Mursko Središće, and Konjščina coals, and a mixt. of Raša and Laško coal, in a lab. app. at 700-800° for 2-4 hrs., in the presence of superheated H₂O vapor, reduced the S content of the cokes obtained by 10-12%. Somewhat better results, at the same conditions, were obtained when a const. stream of NH₃ was introduced in the H₂O vapor during coking. N. P.

Feed

STROHAL, P.

"Bases of radiation dosimetry and the protection against radiation" by Valeria Paic. Reviewed by P.Strohal. Tekhnika Jug 17 no.12:2256 D '62.

STROHAL, Petar, dr inz., saradnik (Zagreb, Biljenicka cesta 54)

Radiation of thick targets in a cyclotron. Tehnika Jug:Suppl.:
Radioizotopi zrac 2 no.2:234-235 Feb '63.

1. Institut "Ruder Boskovic", Zagreb.

STROHAL, P.

"Radioactive isotopes in analytic chemistry" by L.M. Mikhayeva and N.
B. Mikhayev. Reviewed by P. Strohal. Croat chem acta 34 no.3:197
'62.

STROHAL, P.

"Experimental nuclear chemistry" by G.R. Choppin. Reviewed by
P. Strohal. Croat chem acta 34 no.3:196-197 '62.

ORHANOVIC, M.; STACHAL, F.; MIŠNIK, M.; WOLF, R.

Regular annual assembly of the Croatian Chemical Society for 1961.
Croat chem acta 33 no.1:A1-A10 '61.

STROHAL, P.

"Radiochemistry." Reviewed by P. Strohal. Croat chem
acta 33 no.3:155 '61.

STROHAL, P.

"Fundamentals of radiation dosimetry and protection against radiation"
by Valerija Paic. Reviewed by P. Strohal. Croat chem acta 34 no.3:196
'62.

L 3703-66 FWT(m)/EPA(w)-2/EWA(m)-2 IJP(c)
ACCESSION NR: AP5028234

YU/0020/65/000/002/0010/0013

AUTHOR: Strohal, Petar (Graduate engineer, Doctor, Scientific associate) 10

TITLE: Isotope production by the use of cyclotron 19

SOURCE: Nuklearna energija, no. 2, 1965, 10-13

TOPIC TAGS: radioisotope, sodium, cobalt, zinc, antimony, rubidium, cyclotron, alpha particle

ABSTRACT: Sup 24 Na, sup 22 Na, sup 57 Co, sup 65 Zn, and sup 120 Sb are produced in the Ruder Boskovic Institute, Zagreb. These radionuclides are of high specific radioactivity, normally produced without carriers. Nuclear reactions, which take place during their production in the 15-Mev deuteron beams, are (d,α), (d,n) and (d,2n) with light, medium, and heavy nuclei, respectively. The (d,p) reaction is seldom used because products obtained by this reaction are identical to (n,γ) products obtained in a thermal neutron beam in the reactor. The Ruder Boskovic Institute launched a program for production of radionuclides using the cyclotron. The construction of an ion source was planned, which would produce alpha particles of 32 Mev of energy. Sup 83 Rb was the first radionuclide to be produced by alpha particles. The outer cyclotron beam was also to be put into effect. By setting the target behind the deflector the smaller current might produce radiation

Card 1/2

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ACCESSION NR: AP5028234

so that even powders can be irradiated: oxides, salts, and metals melting at low temperature, for instance. Orig. art. has 4 figures and 1 table.

ASSOCIATION: Institut "Ruder Boskovic", Zagreb

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OLKOWSKY, J. (Saclay, France); CINDRO, N. (Zagreb); STROHAL, P. (Zagreb)

Cross sections induced by 11 MeV protons. Glas mat fiz Hrv
17 no.1/2:117-122 '62 [publ. '63].

1. Centre d'etudes nucléaires de Saclay, France, and Institute
"Ruder Boskovic", Zagreb.